

1     IN THE CLAIMS:

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4         Please cancel Claims 3 and 6.

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7         Please amend the claims according to the status of  
8     designations in the following list, which contains all claims  
9     that were ever in the application, and with the text of all  
10    claims repeated below.

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13    Claim 1 (Previously presented).    A flowline for producing  
14    hydrocarbons from a subsea well that is comprised of a  
15    substantially neutrally buoyant tubular composite umbilical  
16    means which passes over a canyon in the ocean bottom that  
17    possesses electrical heating means within the tubular walls  
18    of said tubular composite umbilical means to prevent waxes  
19    and hydrates from forming within said flowline and blocking  
20    said flowline, whereby said electrical heating means is  
21    comprised of at least one electrical conductor disposed  
22    within said tubular walls of said composite umbilical means  
23    that conducts electrical current that is used to heat said  
24    tubular composite umbilical means, whereby said tubular  
25    composite umbilical means that contains any produced  
26    hydrocarbons is substantially neutrally buoyant in the sea  
27    water adjacent to said subsea well, and whereby said  
28    substantially neutrally buoyant tubular composite umbilical  
29    means is anchored to the sea at a first location on a first  
30    side of said canyon and is anchored to the sea bottom at a  
31    second location on a second side of said canyon, whereby said  
32    first and second locations are on opposite sides of said  
33    canyon, and whereby a portion of said neutrally buoyant

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1 tubular composite umbilical between said first and second  
2 locations passes over said canyon in said ocean bottom.  
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5 Claim 2 (Previously presented). A method of using a  
6 flowline for producing hydrocarbons from a subsea well that  
7 is comprised of a substantially neutrally buoyant tubular  
8 composite umbilical means which passes over a canyon in the  
9 ocean bottom that possesses electrical heating means within  
10 the tubular walls of said tubular composite umbilical means  
11 to prevent waxes and hydrates from forming within said  
12 flowline and blocking said flowline, whereby said electrical  
13 heating means is comprised of at least one electrical  
14 conductor disposed within said tubular walls of said  
15 composite umbilical means that conducts electrical current  
16 that is used to heat said tubular composite umbilical means,  
17 whereby said tubular composite umbilical means that contains  
18 any produced hydrocarbons is substantially neutrally buoyant  
19 in the sea water adjacent to said subsea well, and whereby  
20 said substantially neutrally buoyant tubular composite  
21 umbilical means is anchored to the sea bottom at a first  
22 location on a first side of said canyon and is anchored to  
23 the sea bottom at a second location on a second side of said  
24 canyon, whereby said first and second locations are on  
25 opposite sides of said canyon, and whereby a portion of said  
26 neutrally buoyant tubular composite umbilical between said  
27 first and second locations passes over said canyon in said  
28 ocean bottom.  
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31 Claim 3 (Canceled). A flowline for producing hydrocarbons  
32 through which said hydrocarbons flow from a subsea well that  
33 is comprised of a substantially neutrally buoyant tubular

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1 composite umbilical means which passes over a canyon in the  
2 ocean bottom, whereby said tubular composite umbilical means  
3 that contains any produced hydrocarbons is substantially  
4 neutrally buoyant in the sea water adjacent to said subsea  
5 well, and whereby said substantially neutrally buoyant  
6 tubular composite umbilical means is anchored to the sea  
7 bottom at a first location on a first side of said canyon  
8 and is anchored to the sea bottom at a second location on a  
9 second side of said canyon, whereby said first and second  
10 locations are on opposite sides of said canyon, and whereby a  
11 portion of said neutrally buoyant tubular composite umbilical  
12 between said first and second locations passes over said  
13 canyon in said ocean bottom.  
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16 Claim 4 (Previously presented). A flowline for producing  
17 hydrocarbons from a subsea well that is comprised of a  
18 positively buoyant tubular composite umbilical means  
19 which passes over a canyon in the ocean bottom that possesses  
20 electrical heating means within the tubular walls of said  
21 tubular composite umbilical means to prevent waxes and  
22 hydrates from forming within said flowline and blocking said  
23 flowline, whereby said electrical heating means is comprised  
24 of at least one electrical conductor disposed within said  
25 tubular walls of said composite umbilical means that conducts  
26 electrical current that is used to heat said tubular  
27 composite umbilical means, whereby said tubular composite  
28 umbilical means that contains any produced hydrocarbons is  
29 positively buoyant in the sea water adjacent to said subsea  
30 well, and whereby said positively buoyant tubular composite  
31 umbilical means is anchored to the sea bottom at a first  
32 location on a first side of said canyon and is anchored to  
33 the sea bottom at a second location on a second side of said

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1 canyon, whereby said first and second locations are on  
2 opposite sides of said canyon, and whereby a portion of said  
3 neutrally buoyant tubular composite umbilical between said  
4 first and second locations passes over said canyon in said  
5 ocean bottom.  
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8 Claim 5 (Previously presented). A method of using a  
9 flowline for producing hydrocarbons from a subsea well that  
10 is comprised of a positively buoyant tubular composite  
11 umbilical means which passes over a canyon in the ocean  
12 bottom that possesses electrical heating means within the  
13 tubular walls of said tubular composite umbilical means to  
14 prevent waxes and hydrates from forming within said flowline  
15 and blocking said flowline, whereby said electrical heating  
16 means is comprised of at least one electrical conductor  
17 disposed within said tubular walls of said composite  
18 umbilical means that conducts electrical current that is used  
19 to heat said tubular composite umbilical means, and whereby  
20 said tubular composite umbilical means that contains any  
21 produced hydrocarbons is positively buoyant in the sea water  
22 adjacent to said subsea well, and whereby said positively  
23 buoyant tubular composite umbilical means is anchored to the  
24 sea bottom at a first location on a first side of said canyon  
25 and is anchored to the sea bottom at a second location on a  
26 second side of said canyon, whereby said first and second  
27 locations are on opposite sides of said canyon, and whereby a  
28 portion of said neutrally buoyant tubular composite umbilical  
29 between said first and second locations passes over said  
30 canyon in said ocean bottom.  
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1 Claim 6 (Canceled). A flowline for producing hydrocarbons  
2 through which said hydrocarbons flow from a subsea well that  
3 is comprised of a positively buoyant tubular composite  
4 umbilical means which passes over a canyon in the ocean  
5 bottom, whereby said tubular composite umbilical means that  
6 contains any produced hydrocarbons is positively buoyant in  
7 the sea water adjacent to said subsea well, and whereby said  
8 positively buoyant tubular composite umbilical means is  
9 anchored to the sea bottom at a first location on a first  
10 side of said canyon and is anchored to the sea bottom at a  
11 second location on a second side of said canyon, whereby said  
12 first and second locations are on opposite sides of said  
13 canyon, and whereby a portion of said neutrally buoyant  
14 tubular composite umbilical between said first and second  
15 locations passes over said canyon in said ocean bottom.  
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